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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/691,496	10/24/2003	Jessie Hu	MR3029-75	7232
4586 7590 11/30/2007 ROSENBERG, KLEIN & LEE 3458 ELLICOTT CENTER DRIVE-SUITE 101 ELLICOTT CITY, MD 21043			EXAMINER CHU, RANDOLPH I	
			ART UNIT 2624	PAPER NUMBER
			MAIL DATE 11/30/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## DETAILED ACTION

### *Examiners Amendment*

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiners amendment was given in a telephone interview with David Klein on November 5, 2007.

The Application has been amended as follows:

Claim 1, line 12, "(e) calculating a deviation value of said region and comparing said deviation value to a second predetermined threshold, whereby motion is detected and the noise caused from moire and interference resulted from an area brightness variation is filtered out." has been changed to "(e) calculating a deviation value of said region by computing  $\frac{(\sum |x_i - x_{avg}|)}{(n \times x_{avg})}$  and comparing said deviation value to a second predetermined threshold, whereby motion is detected and the noise caused from moire

Art Unit: 2624

predetermined threshold, whereby motion is detected and the noise caused from moire and interference resulted from an area brightness variation is filtered out, where  $i=0$ , to  $n$ ,  $n$  represents a quantity of said compared result in said region,  $x_i$  represents said compared result, and  $x_{avg}$  represents an average of said compared result in said region."

Claim 10, line 13, "(e) calculating a deviation value of said region and comparing said deviation value to a second predetermined threshold, whereby motion is detected and the noise caused from moire and interference resulted from an area brightness variation is filtered out." has been changed to "(e) calculating a deviation value of said

region by computing  $\frac{(\sum |x_i - x_{avg}|)}{(n \times x_{avg})}$  and comparing said deviation value to a second

predetermined threshold, whereby motion is detected and the noise caused from moire and interference resulted from an area brightness variation is filtered out, where  $i=0$ , to  $n$ ,  $n$  represents a quantity of said compared result in said region,  $x_i$  represents said compared result, and  $x_{avg}$  represents an average of said compared result in said region."

Calims 19 and 20 have been canceled.

### ***Allowable Subject Matter***

3. Claims 1-7, 9-16 and 18 are allowed.

Art Unit: 2624

The following is an examiner's statement of reasons for allowance: The closest prior art of record fail to teach or suggest, "a method for detecting motion and filtering noise that divided blocks are compared with first predetermined threshold and grouping blocks that exceeded first predetermined threshold and adjacent region there of, then calculating a deviation value of said region by computing  $\frac{(\sum |x_i - x_{avg}|)}{(n \times x_{avg})}$  and comparing said deviation value to a second predetermined threshold, whereby motion is detected and the noise caused from moire and interference resulted from an area brightness variation is filtered out", recited in independent claims 1 and 10 in combination with the other features of the claims are not recited or suggested by the prior art of records.

Claims 2-6 and 8-12 are allowed because they are depended on independent claims 1 and 10.

Any comments considered necessary by applicant must be submitted no later than payment of the issue fee and, to avoid processing delay, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reason for Allowance."

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Randolph Chu whose telephone number is 571-270-

Art Unit: 2624

1145. The examiner can normally be reached on Monday to Thursday from 7:30 am - 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Bella can be reached on 571-272-7778. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RIC/



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